| Ref<br>#   | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|---|---|---------------------|---------|------------------|
| L1         | 900  | (257/E23.011).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/08/14 19:23 |
| S1         | 3351 | (257/758).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/08 10:51 |
| S2         | 0    | 257/758.ccls and (upper with thickness)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/08/14 19:23 |
| S3         | 427  | 257/758.ccls. and (upper with thickness)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/07 17:06 |
| S4         | 53   | 257/758.ccls. and (upper with thickness with (barrier))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/07 17:07 |
| S5         | 1066 | (257/762).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/08 10:51 |
| S6         | 1315 | (257/763).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/08 10:51 |
| <b>S</b> 7 | 0    | 257/758.ccls and ((second adj<br>trench\$3) with (nm) with (first adj<br>trench\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/15 14:45 |
| <b>S</b> 8 | 0    | "257"/\$.ccls and ((second adj<br>trench\$3) with (nm) with (first adj<br>trench\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/15 14:51 |

|     |      | LASI Searc   |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S9  | 0    | "257"/\$.ccls and ((second adj<br>trench\$3) with (first adj trench\$3))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 14:47 |
| S10 | 0    | "257"/\$.ccls and ((second adj<br>trench) with (first adj trench))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 14:51 |
| S11 | 1040 | "257"/\$.ccls. and ((second adj<br>trench) with (first adj trench))                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 14:51 |
| S12 | 20   | "257"/\$.ccls. and ((second adj<br>trench\$3) with (nm) with (first adj<br>trench\$3))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 15:08 |
| S13 | 3    | "257"/\$.ccls. and ((second adj<br>trench\$3) with (nanometer\$1) with<br>(first adj trench\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 15:07 |
| S14 | 48   | "257"/\$.ccls. and ((second adj<br>trench\$3) same (nm) same (first adj<br>trench\$3))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 18:04 |
| S15 | 2    | ("6518501").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 18:07 |
| S16 | 2    | ("20020154434").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 18:07 |
| S17 | 2    | ("20020190266").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/15 18:08 |
| S18 | 799  | (257/775).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 12:23 |

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|-----|-------|--|---|----|-----|------------------|
| S19 | 24    | 257/773-774  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 12:52 |
| S20 | 4626  | (257/773-774).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 12:53 |
| S21 | 427   | (257/621).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 14:43 |
| S22 | 2     | ("20020014703").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 14:29 |
| S25 | 992   | (438/638).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 14:43 |
| S26 | 18682 | texas adj instruments.asn.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 14:56 |
| S27 | 949   | texas adj instruments.asn. and<br>(trenc or plug)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 14:56 |
| S28 | 0     | "257"/\$.ccls. and ((under1\$fill)<br>near3 edg\$3 near3 cut\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 15:45 |
| S29 | 0     | "257"/\$.ccls. and ((under1\$fill) with edg\$3 with cut\$4)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 15:49 |
| S30 | 0     | "257"/\$.ccls. and ((under1\$fill) with cut\$4)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 15:56 |

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|-----|------|---|---|----|-----|------------------|
| S31 | 0    | "257"/\$.ccls. and ((under1\$fill))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 15:49 |
| S32 | 6    | "257"/\$.ccls. and ((under\$1fill) with edg\$3 with cut\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 15:49 |
| S33 | 78   | "257"/\$.ccls. and ((under\$1fill) with cut\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 16:15 |
| S34 | 225  | "257"/\$.ccls. and ((under\$1fill)<br>same cut\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 16:05 |
| S35 | 130  | ((under\$1fill) with cut\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/13 16:25 |
| S36 | 2884 | (257/778).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 12:13 |
| S37 | 1628 | (438/108).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 12:13 |
| S38 | 26   | ("20030143819"   "20040104491"   "20040106233"   "20040161876"   "20040191510"   "20050070095"   "4442137"   "5316853"   "5356949"   "5597767"   "5827394"   "5923995"   "5960260"   "6023094"   "6175162"   "6176966"   "6214703"   "6235366"   "6319754"   "6383833"   "6398892"   "6444310"   "6610167"   "6623594"   "6709953"   "6873059").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/08/14 13:09 |
| S39 | 130  | ((under\$1fill)) with (cut\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 15:03 |

|     |      | (0.77 (700) 0.01  |   |    |     | 2005/20// 12 //  |
|-----|------|---|---|----|-----|------------------|
| S40 | 1154 | (257/783).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:14 |
| S41 | 59   | ("20040101991"   "5126829"   "5249100"   "5251100"   "5515912"   "5586004"   "5600203"   "5677566"   "5774334"   "5864178"   "5866953"   "5891753"   "5898224"   "5917231"   "5920768"   "5933713"   "5959363"   "5980977"   "5989941"   "6037658"   "6046496"   "6048744"   "6048755"   "6049125"   "6072233"   "6075288"   "6081429"   "6084300"   "6097087"   "6107122"   "6118179"   "6122171"   "6129955"   "6148509"   "6153924"   "6159764"   "6180527"   "6180696"   "6208519"   "6215175"   "6252772"   "6303981"   "6310288"   "6310390"   "6314639"   "6326242"   "6326687"   "6329222"   "6337513"   "6344976"   "6351384"   "6373142"   "6459581"   "6673649"   "6790473"   "6794225"   "6908789").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/08/14 15:17 |
| S42 | 18   | ("4877822"   "4902732"   "4985751"   "4999699"   "5053445"   "5089440"   "5248710"   "5292688"   "5300588"   "5362775"   "5827908"   "5928595"   "5940688"   "6001901"   "6083774"   "6084037"   "6221509"   "6225704").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/08/14 17:47 |
| S43 | 13   | ("6225704").URPN.   | USPAT   | OR | OFF | 2006/08/14 17:54 |
| S44 | 835  | (257/782).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:14 |
| S45 | 9    | ("5148265"   "5148266"   "5757078"<br>  "5847936"   "5866939"  <br>"5866943"   "5898223"   "5939783"<br>  "5986338").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/08/14 18:39 |